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LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	May 12	EXTEND option available in structure searching
NEWS 4	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in Caplus
NEWS 6	May 27	Caplus super roles and document types searchable in REGISTRY
NEWS 7	Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS 8	Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS 9	Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS 10	Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS 11	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS 12	AUG 02	Caplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS 13	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS 14	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS 15	AUG 04	Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS EXPRESS	JULY 30	CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:57:09 ON 18 AUG 2004

=> file reg\  
 'REG\' IS NOT A VALID FILE NAME  
 SESSION CONTINUES IN FILE 'HOME'  
 Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files  
 that are available. If you have requested multiple files, you can  
 specify a corrected file name or you can enter "IGNORE" to continue  
 accessing the remaining file names entered.

=> file reg  

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:57:45 ON 18 AUG 2004  
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STRUCTURE FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2  
 DICTIONARY FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
 information enter HELP PROP at an arrow prompt in the file or refer  
 to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e triphosgene/cn  

E1	1	TRIPHOS (FEED SUPPLEMENT)/CN
E2	1	TRIPHOS-I/CN
E3	1 -->	TRIPHOSGENE/CN
E4	1	TRIPHOSGENE-PHENYLPHOSPHONIC DICHLORIDE-1,1-BIS(4-HYDROXPHE NYL)CYCLOHEXANE COPOLYMER/CN
E5	1	TRIPHOSPHABORETANE/CN
E6	1	TRIPHOSPHADEN/CN
E7	1	TRIPHOSPHAGERMETANE/CN
E8	1	TRIPHOSPHAGERMETANE, 1,2,3-TRIS(1,1-DIMETHYLETHYL)-4,4-DIETH YL-/CN
E9	1	TRIPHOSPHAGERMETANE, 1,2,3-TRIS(1,1-DIMETHYLETHYL)-4,4-DIPHE NYL-/CN
E10	1	TRIPHOSPHAGERMETANE, 1,2,3-TRIS(1,1-DIMETHYLETHYL)-4,4-DIPHE NYL-, (1A,2B,3A)-/CN
E11	1	TRIPHOSPHAGERMETANE, 4,4-DICHLORO-1,2,3-TRIS(1,1-DIMETHYLETH YL)-/CN
E12	1	TRIPHOSPHAMIDE/CN

=> e3  

L1	1	TRIPHOSGENE/CN
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=> file caplus  

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	4.85	5.06

FILE 'CAPLUS' ENTERED AT 11:58:08 ON 18 AUG 2004  
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FILE COVERS 1907 - 18 Aug 2004 VOL 141 ISS 8  
FILE LAST UPDATED: 17 Aug 2004 (20040817/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l1  
L2 854 L1  
  
=> chloroformate  
18822 CHLOROFORMATE  
1670 CHLOROFORMATES  
L3 19404 CHLOROFORMATE  
(CHLOROFORMATE OR CHLOROFORMATES)

=> l2 and l3  
L4 141 L2 AND L3

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	3.29	8.35

FILE 'CAPLUS' ENTERED AT 12:00:06 ON 18 AUG 2004  
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FILE COVERS 1907 - 18 Aug 2004 VOL 141 ISS 8  
FILE LAST UPDATED: 17 Aug 2004 (20040817/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> file reg  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.46	8.81

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:00:13 ON 18 AUG 2004  
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STRUCTURE FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2  
DICTIONARY FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

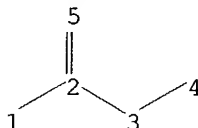
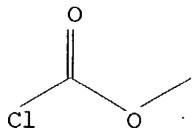
TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>  
Uploading C:\Examination Auxillary files\10665410\10665410 chloroformate core.str

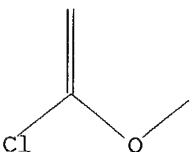


chain nodes :  
1 2 3 4 5  
chain bonds :  
1-2 2-3 2-5 3-4  
exact/norm bonds :  
2-3 2-5 3-4  
exact bonds :  
1-2

Match level :  
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS

L5 STRUCTURE UPLOADED

=> d 15  
L5 HAS NO ANSWERS  
L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l5 sss ful

FULL SEARCH INITIATED 12:00:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 5459 TO ITERATE

100.0% PROCESSED 5459 ITERATIONS

2680 ANSWERS

SEARCH TIME: 00.00.01

L6 2680 SEA SSS FUL L5

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

164.23

FILE 'CAPLUS' ENTERED AT 12:00:46 ON 18 AUG 2004

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FILE COVERS 1907 - 18 Aug 2004 VOL 141 ISS 8

FILE LAST UPDATED: 17 Aug 2004 (20040817/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l6/prep

18704 L6

3184864 PREP/RL

L7 1571 L6/PREP

(L6 (L) PREP/RL)

=> d his

(FILE 'HOME' ENTERED AT 11:57:09 ON 18 AUG 2004)

FILE 'REGISTRY' ENTERED AT 11:57:45 ON 18 AUG 2004

E TRIPHOSGENE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 11:58:08 ON 18 AUG 2004

L2 854 L1

L3 19404 CHLOROFORMATE

L4 141 L2 AND L3

FILE 'CAPLUS' ENTERED AT 12:00:06 ON 18 AUG 2004

FILE 'REGISTRY' ENTERED AT 12:00:13 ON 18 AUG 2004  
L5 STRUCTURE UPLOADED  
L6 2680 SEARCH L5 SSS FUL

FILE 'CAPLUS' ENTERED AT 12:00:46 ON 18 AUG 2004  
L7 1571 L6/PREP

=> 12 and 17  
L8 38 L2 AND L7

=> amine  
247110 AMINE  
235258 AMINES  
L9 379582 AMINE  
(AMINE OR AMINES)

=> 19 and 18  
L10 5 L9 AND L8

=> d 110 1-5 ti fbib abs

L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Preparation of 5-membered heterocycle derivatives for treating  
neurodegenerative disorders or pain  
AN 2004:550745 CAPLUS  
DN 141:106475  
TI Preparation of 5-membered heterocycle derivatives for treating  
neurodegenerative disorders or pain  
IN Chabrier De Lassauniere, Pierre-Etienne; Harnett, Jeremiah; Bigg, Dennis;  
Liberatore, Anne-Marie; Pommier, Jacques; Lannoy, Jacques; Thurieau,  
Christophe  
PA USA  
SO U.S. Pat. Appl. Publ., 150 pp., Cont.-in-part of U.S. Ser. No. 89,993.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004132788	A1	20040708	US 2003-681002	20031008
				FR 1999-12643	A 19991011
				FR 2000-10151	A 20000801
				FR 2000-11169	A 20000901
				WO 2000-FR2805	W 20001010
				JP 1989-4943	A 20010410
				JP 1990-1811	A 20020214
				US 2002-89993	A2 20020404
	FR 2799461	A1	20010413	FR 1999-12643	19991011
	FR 2799461	B1	20020104		
	FR 2812546	A1	20020208	FR 2000-10151	20000801
	WO 2001026656	A2	20010419	WO 2000-FR2805	20001010
	WO 2001026656	A3	20020418		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				FR 1999-12643	A 19991011
				FR 2000-10151	A 20000801

EP 1228760	A2	20020807	FR 2000-11169	A	20000901
EP 1228760	A3	20040128	EP 2002-76763		20001010
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL					
			FR 1999-12643	A	19991011
			FR 2000-10151	A	20000801
			FR 2000-11169	A	20000901
			EP 2000-967988	A3	20001010

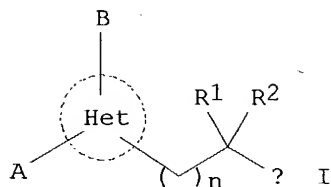
PATENT FAMILY INFORMATION:

FAN 2001:283789

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001026656	A2	20010419	WO 2000-FR2805	20001010
	WO 2001026656	A3	20020418		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				FR 1999-12643	A 19991011
				FR 2000-10151	A 20000801
				FR 2000-11169	A 20000901
	FR 2799461	A1	20010413	FR 1999-12643	19991011
	FR 2799461	B1	20020104		
	FR 2812546	A1	20020208	FR 2000-10151	20000801
	BR 2000014649	A	20020618	BR 2000-14649	20001010
				FR 1999-12643	A 19991011
				FR 2000-10151	A 20000801
				FR 2000-11169	A 20000901
				WO 2000-FR2805	W 20001010
	EP 1223933	A2	20020724	EP 2000-967988	20001010
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
				FR 1999-12643	A 19991011
				FR 2000-10151	A 20000801
				FR 2000-11169	A 20000901
				EP 2002-76763	A3 20001010
				WO 2000-FR2805	W 20001010
	EP 1228760	A2	20020807	EP 2002-76763	20001010
	EP 1228760	A3	20040128		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
				FR 1999-12643	A 19991011
				FR 2000-10151	A 20000801
				FR 2000-11169	A 20000901
				EP 2000-967988	A3 20001010
	JP 2003511416	T2	20030325	JP 2001-529718	20001010
				FR 1999-12643	A 19991011
				FR 2000-10151	A 20000801
				FR 2000-11169	A 20000901
				WO 2000-FR2805	W 20001010
	NO 2002001689	A	20020530	NO 2002-1689	20020410
				FR 1999-12643	A 19991011
				FR 2000-10151	A 20000801
				FR 2000-11169	A 20000901
				WO 2000-FR2805	W 20001010
	US 2004132788	A1	20040708	US 2003-681002	20031008
				FR 1999-12643	A 19991011

FR 2000-10151	A 20000801
FR 2000-11169	A 20000901
WO 2000-FR2805	W 20001010
JP 1989-4943	A 20010410
JP 1990-1811	A 20020214
US 2002-89993	A2 20020404

GI



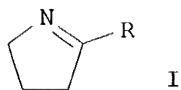
AB The invention relates to thiazole, oxazole, imidazole, isoxazole and isoxazoline derivs. of general formula (I) [wherein Het = thiazole, oxazole, imidazole, isoxazole or isoxazoline; n = an integer from 0 to 6; A = optionally substituted aromatic radical; B = H, alkyl, Ph; R1, R2 = H, alkyl, cycloalkyl;  $\Omega$  = NR46R47 or OR48; R46, R47 = H, alkyl, cycloalkyl, (CH2)*k*-CO2R51; R51 = alkyl, haloalkyl; R48 = H, alkyl]. These compds. have advantageous pharmacol. properties which allow their use in a medicament intended to inhibit monoamine oxidases (MAO) and/or lipidic peroxidn. and/or to act as modulators of the sodium channels and notably their use in therapeutics for treating (1) central or peripheral nervous system, (2) neurodegenerative disorders selected from Parkinson's disease, Alzheimer's disease, Huntington's chorea and amyotrophic lateral sclerosis or (3) pain selected from the group consisting of postoperative pain, migraine, neuropathic pain, central pain, chronic inflammatory pain and pain linked to a cancer. Thus, 2-[[[(1,1-dimethylethoxy)carbonyl]methyl]amino]ethanethioamide (4.3 g, 2.11 mmol) and 2-bromo-1-(3,5-di-tert-butyl-4-hydroxyphenyl)ethanone (6.9 g, 2.11 mmol) were dissolved in 75 mL benzene under argon atmospheric and stirred at ambient temperature for 12 h to give,

after

workup and silica gel chromatog., 4-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-N-[(1,1-dimethylethoxy)carbonyl]-N-methyl-2-thiazolemethanamine which was treated with CF3CO2H and triethylsilane in 50 mL CH2Cl2 to give, after workup, 4-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-N-methyl-2-thiazolemethanamine (II). II showed IC50 of lower than 10  $\mu$ M for inhibiting lipid peroxidn. of the cerebral cortex of rats.

L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Improved synthesis of (dialkylamino)pyrrolines  
 AN 2003:550006 CAPLUS  
 DN 139:364788  
 TI Improved synthesis of (dialkylamino)pyrrolines  
 AU Flosser, David A.; Olofson, Roy A.  
 CS Department of Chemistry, The Pennsylvania State University, University Park, PA, USA  
 SO Synthetic Communications (2003), 33(12), 2045-2052  
 CODEN: SYNCAV; ISSN: 0039-7911  
 PB Marcel Dekker, Inc.  
 DT Journal  
 LA English  
 OS CASREACT 139:364788  
 GI





AB The title compds. (I; R = NBu<sub>2</sub>, piperidino, NEt<sub>2</sub>) were prepared in 80-94% yield by reaction of I (R = OMe) with **amines** and their hydrochlorides. In initial assays, the pyrrolinium salts obtained on alkylation of I (R = NBu<sub>2</sub>) are excellent "naked halide" catalysts.

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

TI Novel chiral surfactant for the separation of enantiomers by micellar electrokinetic capillary chromatography

AN 1995:116456 CAPLUS

DN 122:71192

TI Novel chiral surfactant for the separation of enantiomers by micellar electrokinetic capillary chromatography

AU Mazzeo, Jeffrey R.; Grover, Edward R.; Swartz, Michael E.; Petersen, John S.

CS Waters Chromatography, 34 Maple Street, Milford, MA, 01757, USA

SO Journal of Chromatography, A (1994), 680(1), 125-35

CODEN: JCRAEY; ISSN: 0021-9673

DT Journal

LA English

AB A novel chiral surfactant was prepared as both enantiomeric forms, (R)- and (S)-N-dodecoxycarbonylvaline, and employed for the separation of enantiomeric mixts. by micellar electrokinetic capillary chromatog. (MECC). The enantioselectivities ( $\alpha$ ) obtained for twelve typical pharmaceutical **amines** using the (S)-surfactant were compared to those obtained with (S)-N-dodecanoylvaline, a chiral surfactant described in the literature. Higher enantioselectivities were seen for ten of the twelve compds. using (S)-N-dodecoxycarbonylvaline. Furthermore, (S)-N-dodecoxycarbonylvaline had significantly less background absorbance in the low UV. It is shown that exact enantiomer migration order reversal can be obtained by individually employing both enantiomeric forms of the surfactant. For ionizable compds. like the **amines** examined here, enantioselectivity can be optimized by changing the pH of the MECC buffer. Partitioning is optimized through surfactant concentration, organic additives.

and

pH. The ability to achieve fast chiral sepns. is shown. A separation of ephedrine enantiomers in urine is shown, with the only sample preparation being filtration.

L10 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN

TI Triphosgene: a crystalline phosgene equivalent

AN 1987:575482 CAPLUS

DN 107:175482

TI Triphosgene: a crystalline phosgene equivalent

AU Eckert, Heiner; Forster, Barbara

CS Org. Chem. Inst. Tech. Univ. Muenchen, Garching, D-8046, Fed. Rep. Ger.

SO Angewandte Chemie (1987), 99(9), 922-3

CODEN: ANCEAD; ISSN: 0044-8249

DT Journal

LA German

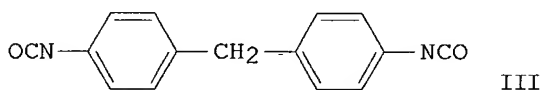
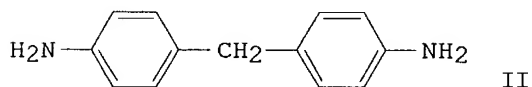
OS CASREACT 107:175482

AB (Cl<sub>3</sub>CO)<sub>2</sub>CO (I) was used for chloroformylation, carbonylation, chlorination, and dehydration. Thus, when treated with I, Cl<sub>3</sub>CCMe<sub>2</sub>OH gave 91% Cl<sub>3</sub>CCMe<sub>2</sub>O<sub>2</sub>CCl, o-MeC<sub>6</sub>H<sub>4</sub>NH<sub>2</sub> gave 82% o-MeC<sub>6</sub>H<sub>4</sub>NCO, PhCH<sub>2</sub>CO<sub>2</sub>H gave 11%

PhCH<sub>2</sub>COCl, and RCH<sub>2</sub>CH<sub>2</sub>NHCHO (R = morpholino) gave 74% RCH<sub>2</sub>CH<sub>2</sub>NC.

L10 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Bis(trichloromethyl) carbonate as an alternative reagent for phosgene  
AN 1987:4294 CAPLUS  
DN 106:4294  
TI Bis(trichloromethyl) carbonate as an alternative reagent for phosgene  
IN Eckert, Heiner  
PA Fed. Rep. Ger.  
SO Ger. Offen., 17 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3440141	A1	19860507	DE 1984-3440141 DE 1984-3440141	19841102 19841102
OS	CASREACT 106:4294				
GI					



AB (Cl<sub>3</sub>CO)<sub>2</sub>CO (I), prepared by chlorination of (MeO)<sub>2</sub>CO, is used as an alternative to COCl<sub>2</sub> in, e.g., the preparation of isocyanates, diisocyanates, chloroformates, and polycarbonates, etc., which find use as intermediates for plastics, pharmaceuticals, herbicides, and insecticides, etc. Thus, 5.95 g diamine II and 5.94 g I in o-Cl<sub>2</sub>C<sub>6</sub>H<sub>4</sub> were heated at 170° for 3 h to give 84% diisocyanate III.

=> 99999file reg  
0 99999FILE  
1060 REG  
50 REGS  
1105 REG  
(REG OR REGS)  
L11 0 99999FILE REG  
(99999FILE(W)REG)

=> d 11  
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:n

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	33.61	197.84
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-3.68	-3.68

FILE 'REGISTRY' ENTERED AT 12:08:19 ON 18 AUG 2004

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STRUCTURE FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2  
DICTIONARY FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

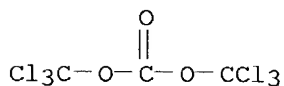
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 32315-10-9 REGISTRY  
CN Methanol, trichloro-, carbonate (2:1) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Carbonic acid, bis(trichloromethyl) ester (6CI, 8CI)  
OTHER NAMES:  
CN Bis(trichloromethyl) carbonate  
CN **Triphosgene**  
FS 3D CONCORD  
MF C3 Cl6 O3  
CI COM  
LC STN Files: BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT,  
CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, CSNB, GMELIN\*,  
HODOC\*, MEDLINE, MSDS-OHS, PROMT, SYNTHLINE, TOXCENTER, USPAT2,  
USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)  
DT.CA Caplus document type: Conference; Journal; Patent  
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC  
(Process); RACT (Reactant or reagent); USES (Uses)  
RLD.P Roles for non-specific derivatives from patents: PREP (Preparation);  
PROC (Process); RACT (Reactant or reagent); USES (Uses)  
RL.NP Roles from non-patents: ANST (Analytical study); FORM (Formation,  
nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP  
(Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
reagent); USES (Uses)  
RLD.NP Roles for non-specific derivatives from non-patents: PREP  
(Preparation); PRP (Properties); RACT (Reactant or reagent)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

848 REFERENCES IN FILE CA (1907 TO DATE)  
10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
854 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.03	200.87
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-3.68

SESSION WILL BE HELD FOR 60 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 12:10:13 ON 18 AUG 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'REGISTRY' AT 12:32:04 ON 18 AUG 2004  
FILE 'REGISTRY' ENTERED AT 12:32:04 ON 18 AUG 2004  
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.03	200.87
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-3.68

=> d his

(FILE 'HOME' ENTERED AT 11:57:09 ON 18 AUG 2004)

FILE 'REGISTRY' ENTERED AT 11:57:45 ON 18 AUG 2004  
E TRIPHOSGENE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 11:58:08 ON 18 AUG 2004  
L2 854 L1  
L3 19404 CHLOROFORMATE  
L4 141 L2 AND L3

FILE 'CAPLUS' ENTERED AT 12:00:06 ON 18 AUG 2004

FILE 'REGISTRY' ENTERED AT 12:00:13 ON 18 AUG 2004  
L5 STRUCTURE UPLOADED  
L6 2680 SEARCH L5 SSS FUL

FILE 'CAPLUS' ENTERED AT 12:00:46 ON 18 AUG 2004

L7 1571 L6/PREP  
L8 38 L2 AND L7  
L9 379582 AMINE  
L10 5 L9 AND L8  
L11 0 99999FILE REG

FILE 'REGISTRY' ENTERED AT 12:08:19 ON 18 AUG 2004

=> dimethylformamide  
L12 6859 DIMETHYLFORMAMIDE

=> 18 and 112

'PREP' IS NOT A VALID CROSSOVER QUALIFIER FOR L1

Answer sets created in a different file may be field qualified with a limited set of qualifiers. Enter HELP CROSSOVER at an arrow prompt (=) for specific information.

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	8.72	206.56
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.68

FILE 'CAPLUS' ENTERED AT 12:33:56 ON 18 AUG 2004

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FILE COVERS 1907 - 18 Aug 2004 VOL 141 ISS 8

FILE LAST UPDATED: 17 Aug 2004 (20040817/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> 18 and 112

34275 L12  
L13 0 L8 AND L12

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.46	207.02
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.68

FILE 'REGISTRY' ENTERED AT 12:34:29 ON 18 AUG 2004

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DICTIONARY FILE UPDATES: 17 AUG 2004 HIGHEST RN 727974-89-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e dimethylformamide/cn

E1	1	DIMETHYLFLUOROSILYL (TRICHLOROGERMYL) METHANE/CN
E2	1	DIMETHYLFORMALDEHYDE/CN
E3	1 -->	DIMETHYLFORMAMIDE/CN
E4	1	DIMETHYLFORMAMIDE 2,4-DINITROPHENYLHYDRAZONE/CN
E5	1	DIMETHYLFORMAMIDE AZINE/CN
E6	1	DIMETHYLFORMAMIDE COMPLEX WITH MOL. IODINE (1:1)/CN
E7	1	DIMETHYLFORMAMIDE COMPOUND WITH CARBON TETRACHLORIDE (1:1)/C N
E8	1	DIMETHYLFORMAMIDE COMPOUND WITH SULFUR TRIOXIDE (1:1)/CN
E9	1	DIMETHYLFORMAMIDE COMPOUND WITH WATER (1:1)/CN
E10	1	DIMETHYLFORMAMIDE COMPOUND WITH WATER (2:1)/CN
E11	1	DIMETHYLFORMAMIDE CYCLIC ETHYLENE ACETAL/CN
E12	1	DIMETHYLFORMAMIDE DEMETHYLASE/CN

=> e3

L14 1 DIMETHYLFORMAMIDE/CN

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	4.85	211.87
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-3.68

FILE 'CAPLUS' ENTERED AT 12:34:56 ON 18 AUG 2004  
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FILE COVERS 1907 - 18 Aug 2004 VOL 141 ISS 8  
FILE LAST UPDATED: 17 Aug 2004 (20040817/ED)

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> l14

L15 26787 L14

=> d his

(FILE 'HOME' ENTERED AT 11:57:09 ON 18 AUG 2004)

FILE 'REGISTRY' ENTERED AT 11:57:45 ON 18 AUG 2004  
E TRIPHOSGENE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 11:58:08 ON 18 AUG 2004

L2 854 L1

L3 19404 CHLOROFORMATE

L4 141 L2 AND L3

FILE 'CAPLUS' ENTERED AT 12:00:06 ON 18 AUG 2004

FILE 'REGISTRY' ENTERED AT 12:00:13 ON 18 AUG 2004

L5 STRUCTURE UPLOADED

L6 2680 SEARCH L5 SSS FUL

FILE 'CAPLUS' ENTERED AT 12:00:46 ON 18 AUG 2004

L7 1571 L6/PREP

L8 38 L2 AND L7

L9 379582 AMINE

L10 5 L9 AND L8

L11 0 99999FILE REG

FILE 'REGISTRY' ENTERED AT 12:08:19 ON 18 AUG 2004

L12 6859 DIMETHYLFORMAMIDE

FILE 'CAPLUS' ENTERED AT 12:33:56 ON 18 AUG 2004

L13 0 L8 AND L12

FILE 'REGISTRY' ENTERED AT 12:34:29 ON 18 AUG 2004

E DIMETHYLFORMAMIDE/CN

L14 1 E3

FILE 'CAPLUS' ENTERED AT 12:34:56 ON 18 AUG 2004

L15 26787 L14

=> l14 and l8

26787 L14

L16 0 L14 AND L8

=> save temp l8 chlfmtprep/cn

CHLFMTPREP/CN IS NOT A VALID SAVED NAME

Enter the name you wish to use for the saved query,  
answer set, or L-number list. The name must:

1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile,

structure, or screen set), /A for an answer  
set, or /L for an L-number list.  
5. Not already be in use as a saved name,  
6. Not be END, SAV, SAVE, SAVED  
7. Not have the form of an L-number (Lnnn).  
ENTER NAME OR (END):end

=> save temp l8 chlfmtprep/a  
ANSWER SET L8 HAS BEEN SAVED AS 'CHLFMTPREP/A'

=> save temp l7 chlrfmtes/a  
ANSWER SET L7 HAS BEEN SAVED AS 'CHLRFMTES/A'

=> save temp all chlfmtsrch/l  
L# LIST L1-L16 HAS BEEN SAVED AS 'CHLFMTSRCH/L'

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.30	214.17

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.68

SESSION WILL BE HELD FOR 60 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 12:38:10 ON 18 AUG 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'CAPLUS' AT 12:53:03 ON 18 AUG 2004  
FILE 'CAPLUS' ENTERED AT 12:53:03 ON 18 AUG 2004  
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.30	214.17

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.68

=> d his

(FILE 'HOME' ENTERED AT 11:57:09 ON 18 AUG 2004)

FILE 'REGISTRY' ENTERED AT 11:57:45 ON 18 AUG 2004

E TRIPHOSGENE/CN

L1 1 E3

FILE 'CAPLUS' ENTERED AT 11:58:08 ON 18 AUG 2004

L2 854 L1

L3 19404 CHLOROFORMATE

L4 141 L2 AND L3



FILE 'CAPLUS' ENTERED AT 12:00:06 ON 18 AUG 2004

FILE 'REGISTRY' ENTERED AT 12:00:13 ON 18 AUG 2004

L5 STRUCTURE UPLOADED  
L6 2680 SEARCH L5 SSS FUL

FILE 'CAPLUS' ENTERED AT 12:00:46 ON 18 AUG 2004

L7 1571 L6/PREP  
L8 38 L2 AND L7  
L9 379582 AMINE  
L10 5 L9 AND L8  
L11 0 99999FILE REG

FILE 'REGISTRY' ENTERED AT 12:08:19 ON 18 AUG 2004

L12 6859 DIMETHYLFORMAMIDE

FILE 'CAPLUS' ENTERED AT 12:33:56 ON 18 AUG 2004

L13 0 L8 AND L12

FILE 'REGISTRY' ENTERED AT 12:34:29 ON 18 AUG 2004

E DIMETHYLFORMAMIDE/CN  
L14 1 E3

FILE 'CAPLUS' ENTERED AT 12:34:56 ON 18 AUG 2004

L15 26787 L14  
L16 0 L14 AND L8  
SAVE TEMP L8 CHLFMTMPREP/A  
SAVE TEMP L7 CHLRFMTES/A  
SAVE TEMP ALL CHLFMTSRCH/L

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.75	214.62

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-3.68

CA SUBSCRIBER PRICE

FILE 'REGISTRY' ENTERED AT 12:53:21 ON 18 AUG 2004

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TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> e triethylamine/cn
E1      1      TRIETHYLALUMINUM-TRIETHYLAMINE COMPLEX/CN
E2      1      TRIETHYLALUMINUM-WATER COPOLYMER/CN
E3      1 --> TRIETHYLAMINE/CN
E4      1      TRIETHYLAMINE (2,6-DICHLOROBENZYL)DITHIOCARBAMATE/CN
E5      1      TRIETHYLAMINE 1:1 COMPLEX WITH DICHLOROETHYLGERMANE/CN
E6      1      TRIETHYLAMINE 1:1 COMPLEX WITH DICHLOROMETHYLGERMANE/CN
E7      1      TRIETHYLAMINE 1:1 COMPLEX WITH DICHLOROPHENYLGERMANE/CN
E8      1      TRIETHYLAMINE 2,4,6-TRINITROPHENOLATE/CN
E9      1      TRIETHYLAMINE 2,4-DINITRONAPHTHOLATE/CN
E10     1      TRIETHYLAMINE 2,4-DINITROPHENOLATE/CN
E11     1      TRIETHYLAMINE 2,6-DICHLOROBENZOATE/CN
E12     1      TRIETHYLAMINE 3,5-DINITROBENZOATE/CN
```

```
=> e3
L17      1 TRIETHYLAMINE/CN
```

```
=> file caplus
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                4.85      219.47

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  SINCE FILE      TOTAL
                                               ENTRY      SESSION
CA SUBSCRIBER PRICE                0.00      -3.68
```

FILE 'CAPLUS' ENTERED AT 12:53:57 ON 18 AUG 2004  
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FILE COVERS 1907 - 18 Aug 2004 VOL 141 ISS 8  
 FILE LAST UPDATED: 17 Aug 2004 (20040817/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> l17
L18      20615 L17
```

```
=> l8 and l18
L19      1 L8 AND L18
```

```
=> d l129 ti fbib abs
L129 NOT FOUND
```

The L-number entered has not been defined in this session, or it has been deleted. To see the L-numbers currently defined in this session, enter DISPLAY HISTORY at an arrow prompt (=>).

```
=> d l9 ti fbib abs
```

L9 ANSWER 1 OF 379582 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI **Amine** organoborane complex initiated polymerizable compositions  
 containing siloxane polymerizable components  
 AN 2004:669773 CAPLUS  
 TI **Amine** organoborane complex initiated polymerizable compositions  
 containing siloxane polymerizable components  
 IN Sonnenschein, Mark F.; Webb, Steven P.; Wendt, Benjamin L.; Harrington,  
 Daniel R.  
 PA Dow Global Technologies Inc., USA  
 SO U.S., 20 pp.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6777512	B1	20040817	US 2003-377440	20030228
				US 2003-377440	20030228

AB In one embodiment the invention is a polymerizable composition comprising a) an  
 organoborane **amine** complex; b) one or more of monomers,  
 oligomers or polymers having olefinic unsatn. which is capable of  
 polymerization  
 by free radical polymerization; c) one or more compds., oligomers or  
 prepolymers  
 having a siloxane backbone and reactive moieties capable of polymerization; and  
 d) a catalyst for the polymerization of the one or more compds., oligomers or  
 prepolymers having a siloxane backbone and reactive moieties capable of  
 polymerization This composition may further comprise a compound which causes  
 the  
 organoborane **amine** complex to disassoc. In a preferred  
 embodiment, the two part composition further comprises a compound which is  
 reactive with both the b) one or more of monomers, oligomers or polymers  
 having olefinic unsatn. which is capable of polymerization by free radical  
 polymerization; and the c) one or more compds., oligomers or prepolymers  
 having a  
 siloxane backbone and reactive moieties capable of polymerization This  
 composition  
 can be polymerized by contacting the two parts of the composition In another  
 embodiment the invention is an organoborane **amine** complex  
 comprising an alkyl borane having ligands which are alkyl, cycloalkyl or  
 both and an amino siloxane.

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	3.60	223.07
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.74	-4.42

SESSION WILL BE HELD FOR 60 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 12:55:06 ON 18 AUG 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'CAPLUS' AT 13:17:43 ON 18 AUG 2004  
FILE 'CAPLUS' ENTERED AT 13:17:43 ON 18 AUG 2004  
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.60	223.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.74	-4.42

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.60	223.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.74	-4.42

SESSION WILL BE HELD FOR 60 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 13:17:50 ON 18 AUG 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	May 12	EXTEND option available in structure searching
NEWS 4	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS 6	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS 7	Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS 8	Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS 9	Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS 10	Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS 11	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS 12	AUG 02	CAplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS 13	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS 14	AUG 02	The Analysis Edition of STN Express with Discover!

(Version 7.01 for Windows) now available  
NEWS 15 AUG 04 Pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover! will change September 1, 2004  
NEWS 16 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage  
NEWS 17 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal  
status data from INPADOC

NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004  
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NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 07:39:23 ON 31 AUG 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 07:39:48 ON 31 AUG 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 29 AUG 2004 HIGHEST RN 735258-95-4

DICTIONARY FILE UPDATES: 29 AUG 2004 HIGHEST RN 735258-95-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e triphosgene/cn

E1	1	TRIPHOS (FEED SUPPLEMENT)/CN
E2	1	TRIPHOS-I/CN
E3	1 -->	TRIPHOSGENE/CN
E4	1	TRIPHOSGENE-PHENYLPHOSPHONIC DICHLORIDE-1,1-BIS(4-HYDROXPHE NYL)CYCLOHEXANE COPOLYMER/CN

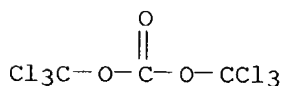
E5 1 TRIPHOSPHABORETANE/CN  
 E6 1 TRIPHOSPHADEN/CN  
 E7 1 TRIPHOSPHAGERMETANE/CN  
 E8 1 TRIPHOSPHAGERMETANE, 1,2,3-TRIS(1,1-DIMETHYLETHYL)-4,4-DIETHYL-/CN  
 E9 1 TRIPHOSPHAGERMETANE, 1,2,3-TRIS(1,1-DIMETHYLETHYL)-4,4-DIPHENYL-/CN  
 E10 1 TRIPHOSPHAGERMETANE, 1,2,3-TRIS(1,1-DIMETHYLETHYL)-4,4-DIPHENYL-, (1A,2B,3A)-/CN  
 E11 1 TRIPHOSPHAGERMETANE, 4,4-DICHLORO-1,2,3-TRIS(1,1-DIMETHYLETHYL)-/CN  
 E12 1 TRIPHOSPHAMIDE/CN

=> e3

L1 1 TRIPHOSGENE/CN

=> d 11

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 32315-10-9 REGISTRY  
 CN Methanol, trichloro-, carbonate (2:1) (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Carbonic acid, bis(trichloromethyl) ester (6CI, 8CI)  
 OTHER NAMES:  
 CN Bis(trichloromethyl) carbonate  
 CN **Triphosgene**  
 FS 3D CONCORD  
 MF C3 Cl6 O3  
 CI COM  
 LC STN Files: BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, CSNB, GMELIN\*, HODOC\*, MEDLINE, MSDS-OHS, PROMT, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA CAPLUS document type: Conference; Journal; Patent  
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
 RLD.NP Roles for non-specific derivatives from non-patents: PREP (Preparation); PRP (Properties); RACT (Reactant or reagent)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

856 REFERENCES IN FILE CA (1907 TO DATE)  
 10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 858 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)